

Serial No. 09/147,801

and/or Amino Acid Sequence Disclosures". A copy of the aforementioned notice is submitted herewith.

The aforementioned notice directs applicant's attention to the raw sequence listing error report which indicates that sequence number 2 uses n's without use of numeric identifiers <220> to <223>. Accordingly, applicant has amended the sequence listing to correct this error and has made the appropriate amendment to the specification.

With respect to the use of n's in sequence number 2, it is to be noted that the three occurrences of "n" are found at locations 109, 223 and 243. It is stated in the specification on page 9, lines 9-10 that these three bases were undetermined. Obviously, an undetermined base in such a nucleotide sequence would be understood by one skilled in the art to mean that each occurrence of "n" indicates that the base is A, C, T or G. Accordingly, applicant has made an appropriate correction to the sequence listing by the addition of numeric identifiers <220> to <223>. In particular, for each location of "n" the feature "unsure" is indicated in numeric identifier <221>. In addition, the sequence listing indicates that "n is A, C, T, or G" in numeric identifier <223> for each location of "n". Lastly, the location of each "n" is indicated in numeric identifier <222>.

In addition to the paper copy of the sequence listing submitted herewith, applicant also submits herewith a labeled copy of the aforementioned sequence listing in computer readable form.

The below signed attorney hereby states that the application, as filed, supports the substitute sequence listing submitted herewith and the substitute sequence listing

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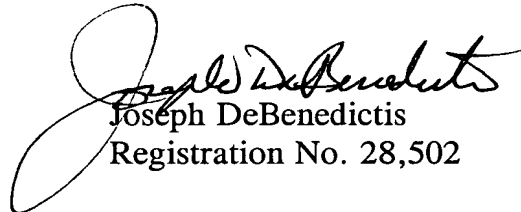
includes no new matter. The below signed attorney also hereby states that the content of the substitute paper and substitute computer readable copies of the sequence listings submitted herewith are the same.

In view of the above, applicant submits that the application is presently in full compliance with the requirements for patent applications containing nucleotide sequence and/or amino acid sequence disclosures.

Respectfully submitted,

BACON & THOMAS, PLLC

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